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Sherwood

OPERATING INSTRUCTIONS

CD-5505

COMPACT DISC PLAYER

CE

Introduction

ENGLISH

READ THIS BEFORE OPERATING YOUR UNIT

CAUTION : TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.

This symbol is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.

This symbol is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

WARNING : TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.

CLASS 1 LASER PRODUCT	**CAUTION** Invisible laser radiation when the unit is open. Do not stare into beam.
CAUTION : USE OF ANY CONTROLS, ADJUSTMENTS, OR PROCEDURES OTHER THAN THOSE SPECIFIED HEREIN MAY RESULT IN HAZARDOUS RADIATION EXPOSURE.	

FOR YOUR SAFETY		
EUROPE **AUSTRALIA**	**220 V** **-** **240 V**	Units shipped to Australia are designed for operation on 230 V AC only. To ensure safe operation, the three-pin plug supplied must be inserted only into a standard three-pin power point which is effectively earthed through the normal household wiring. Extension cords used with the equipment must be three-core and be correctly wired to provide connection to earth. Improper extension cords are a major cause of fatalities. The fact that the equipment operates satisfactorily does not imply that the power point is earthed and that the installation is completely safe. For your safety, if in any doubt about the effective earthing of the power point, consult a qualified electrician. PAN-EUROPEAN UNIFIED VOLTAGE All units are suitable for use on supplies 220-240 V AC.

CAUTION

- Leave a space around the unit for sufficient ventilation.
- Avoid installation in extremely hot or cold locations, or in an area that is exposed to direct sunlight or heating equipment.
- Keep the unit free from moisture, water, and dust.
- Do not let foreign objects in the unit.
- The ventilation should not be impeded by covering the ventilation openings with items, such as newspapers, table-cloths, curtains, etc.
- No naked flame sources, such as lighted candles, should be placed on the unit.
- Please be care the environmental aspects of battery disposal.
- The unit shall not be exposed to dripping or splashing for use.
- No objects filled with liquids, such as vases, shall be placed on the unit.
- Do not let insecticides, benzene, and thinner come in contact with the set.
- Never disassemble or modify the unit in any way.

■Notes on the AC power cord and the wall outlet.

- The unit is not disconnected from the AC power source(mains) as long as it is connected to the wall outlet, even if the unit has been turned off.
- To completely disconnect this product from the mains, disconnect the plug from the wall socket outlet.
- When setting up this product, make sure that the AC outlet you are using is easily accessible.
- Disconnect the plug from the wall outlet when not using the unit for long periods of time.

Information for Users on Collection and Disposal of Old Equipment and used Batteries

These symbols on the products, packaging, and/or accompanying documents mean that used electrical and electronic products and batteries should not be mixed with general household waste. For proper treatment, recovery and recycling of old products and used batteries, please take them to applicable collection points, in accordance with your national legislation.

By disposing of these products and batteries correctly, you will help to save valuable resources and prevent any potential negative effects on human health and the environment which could otherwise arise from inappropriate waste handling.

For more information about collection and recycling of old products and batteries, please contact your local municipality, your waste disposal service or the point of sale where you purchased the items.

[Information on Disposal in other Countries outside the European Union]

These symbols are only valid in the European Union. If you wish to discard these items, please contact your local authorities or dealer and ask for the correct method of disposal.

Note for the battery symbol (bottom two symbol examples):

The sign Pb below the symbol for batteries indicates that this batteries contains lead.

PRECAUTIONS

■Moisture condensation

Moisture may form on the lens in the following conditions.

- Immediately after a heater has been turned on.
- In a steamy or very humid room.
- When this unit is moved from a cold place to a warm one.

If moisture forms inside this unit, it may not operate properly.
In this case, turn on the power and wait about one hour for the moisture to evaporate.

■If there is noise interference on the TV while a broadcast is being received.

Depending on the reception condition of the TV, interference may appear on the TV screen while you are watching a TV broadcast and this unit is left on. This is not a malfunction of this unit or the TV. To watch a TV broadcast, turn off this unit.

■Do not transport this unit with discs left in it.

■Do not place on the component such as amplifier or receiver that generates heat.

If so, the temperature inside this unit rises and malfunction may occur.

ENGLISH

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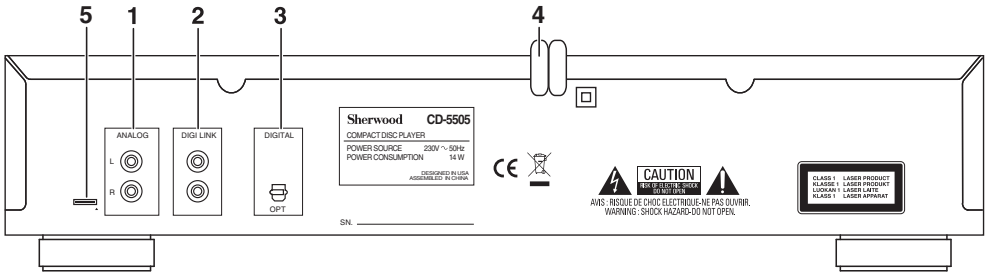
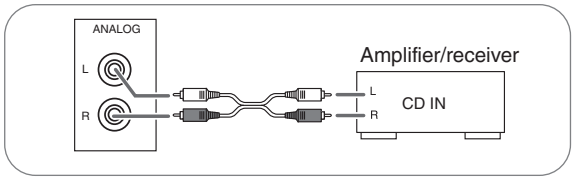
Rear Panel Connections

- Do not plug the AC input cord into the AC outlet when making connections.
- Be sure to connect the white plugs to the L(Left) jacks and the red plugs to the R (Right) jacks when making connections.
- Refer to the connecting diagram in the operating instructions of your amplifier/receiver



1. CONNECTING ANALOG AUDIO OUTS

- Connect the ANALOG L and R jacks to the CD IN jacks of your amplifier/receiver.

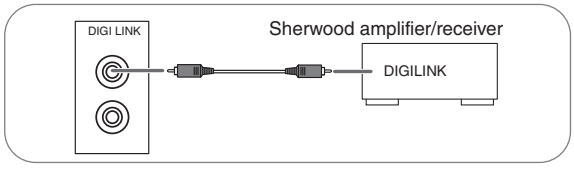


2. CONNECTING DIGILINK

- Connect this jack to the DIGILINK jack of Sherwood system amplifier/receiver to control this unit remotely by DIGILIN II or III system. (For details, refer to the operating instructions of Sherwood amplifier/receiver.)

■Note :

- The DIGILINK operation may not work on some Sherwood components.

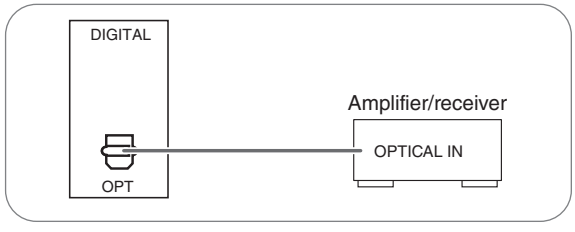


3. CONNECTING OPTICAL DIGITAL OUT

- Connect this jack to the OPTICAL DIGITAL IN jack of your amplifier/receiver to enjoy digital sound.

■Notes :

- It is not recommended to record digital audio signals with digital audio connection between this unit and MD or CD recorder, etc.. When recording the sounds played on this unit, record them through the ANALOG AUDIO OUT jacks.
- Some of the commercially available optical fiber cords cannot be used for the equipment. If there is an optical fiber cord which cannot be connected to your equipment, consult your dealer or nearest service organization.



4. AC INPUT CORD

- Plug the cord into a wall AC outlet.

5. TERMINAL FOR UPGRADE

- This terminal may be used in the future to update the operating software, etc.

■Note :

- Programming for upgrade requires specialized programming knowledge and for that reason we recommend that it only be done by qualified installers.

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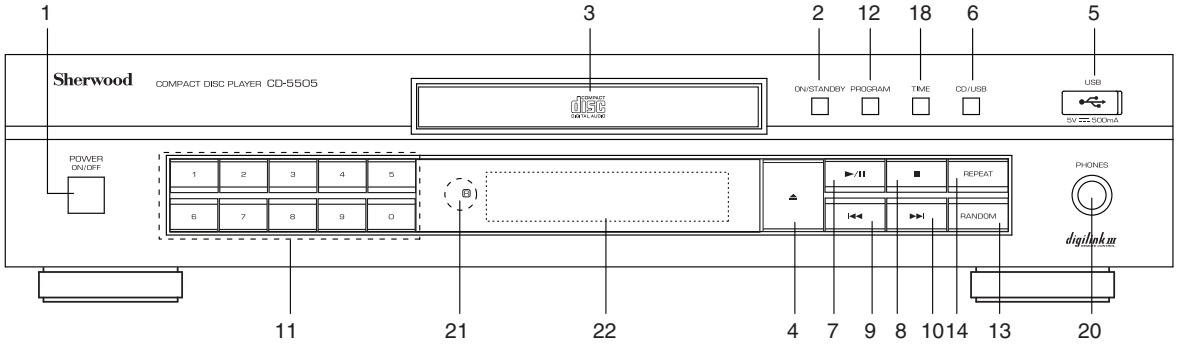
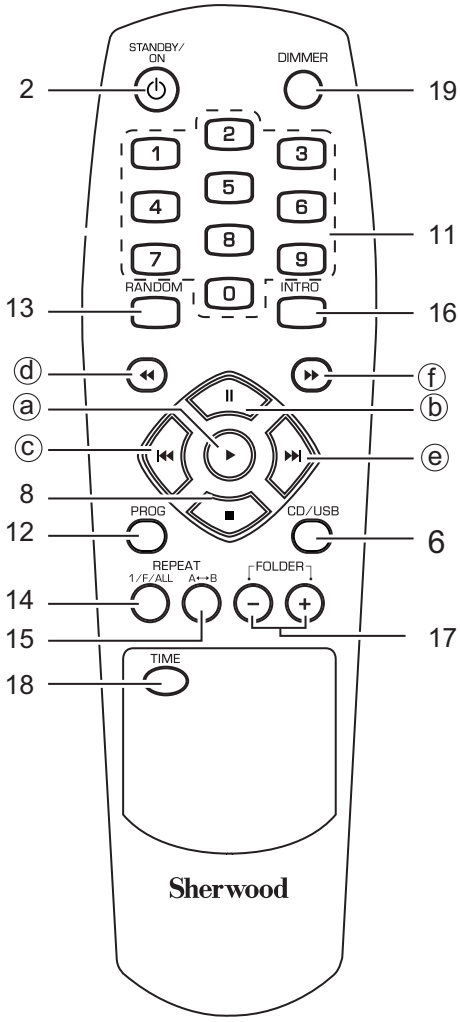
Front Panel & Remote Controls

Front panel controls



Remote controls



1. POWER SWITCH
Push this switch to turn the power off and to enter the standby mode.
To switch the power off, push this switch again.

2. POWER ON/STANDBY button
In the standby mode, press this button to turn the power on and to enter the operating mode.
In the operating mode, press this button again to turn the power off and to enter the standby mode.

3. DISC TRAY
Load a disc on the disc tray.

4. OPEN/CLOSE (⏏) BUTTON
Press this button to open or close the disc tray.

5. USB CONNECTOR
For details, see next page.

6. CD/USB SELECTOR BUTTON
Press this button to select the disc or the USB memory device as playback source.

7. PLAY/PAUSE (►/II) BUTTON
ⓐ Press this button to start play in the stop or pause mode.
ⓑ Press this button to interrupt play temporarily.

8. STOP (■) button
Press this button to stop play or clear the programmed tracks/files.

9. BACKWARD SKIP/SEARCH(⏮/◀◀) BUTTON
ⓒ Press this button to replay from the beginning of the current track/file or return to a previous track/file.
ⓓ Press and hold down this button to search for a specific passage in fast backward.

10. FORWARD SKIP/SEARCH(⏭/ ▶▶) BUTTON
ⓔ Press this button to play from the beginning of a next track/file.
ⓕ Press and hold down this button to search for a specific passage in fast forward.

11. NUMERIC(0~9) BUTTONS
Press the corresponding buttons to select a track/file for play or programming.

12. PROGRAM BUTTON
Press this button to program your favorite tracks/files or to review the programmed tracks/files.

13. RANDOM PLAY BUTTON
Press this butto to play tracks/files in random order.

14. REPEAT (1/F/ALL) BUTTON
Press this button to play a track/file, a folder, or all tracks/ files repeatedly.

15. REPEAT A↔B BUTTON
Press this button to play a specific passage repeatedly.

16. INTROSCAN BUTTON
Press this button to play the first 10 seconds of each track/file.

17. FOLDER UP/DOWN (+/-) BUTTONS
Press these buttons to select the desired folder.

18. TIME BUTTON
Press this button to display the different time information on the Audio CD.

19. DIMMER BUTTON
Press this button to select the brightness of the fluorescent display as desired.

20. HEADPHONE JACK
Stereo headphones can be plugged into this jack for private listening.

21. REMOTE SENSOR
This receives the signals from the remote control unit.

22. FLUORESCENT DISPLAY
For details, see next page.

■DIGILINK SYSTEM REMOTE CONTROL
This unit can be remotely conrolled with Sherwood DIGILINK III amplifier or receiver.
- For avaliable functions, refer to the compatible unit's operating instructions.
- To listen to a CD by DIGILINK system, first make DIGILINK connection between this unit and the Sherwood compatible amplifier or receiver.

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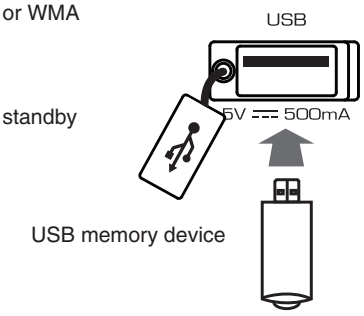
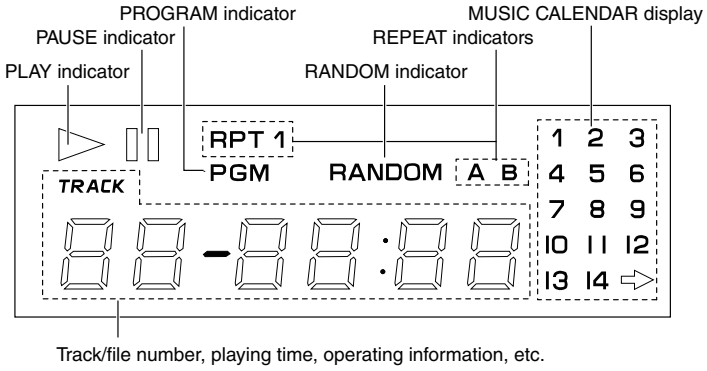
■USB CONNECTOR

• An USB memory device can be connected to th USB connector to listen to MP3 or WMA files stored on it through this unit.

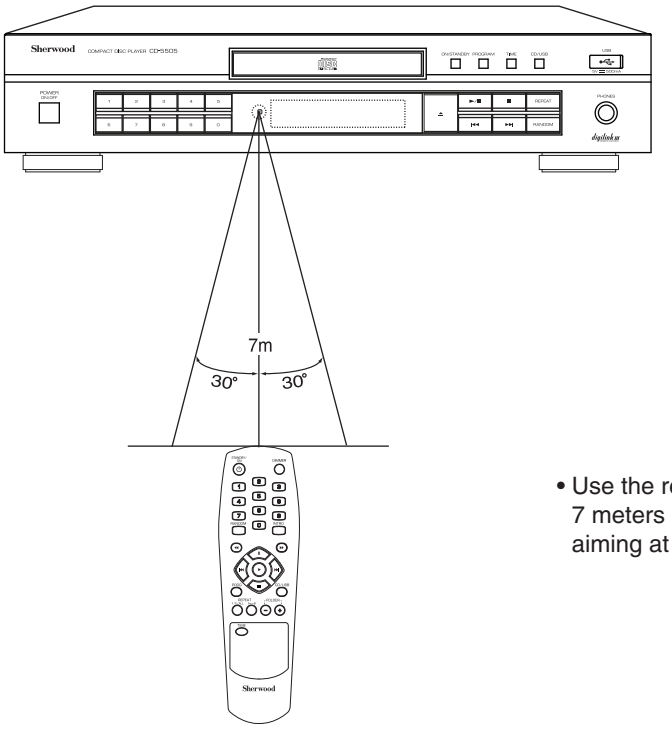
■ **Note :**
• After USB playback, remove the USB memory device in the stop mode or in the standby mode.



■FLUORESCENT DISPLAY



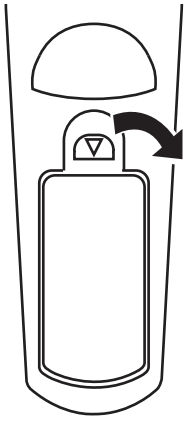
REMOTE CONTROL OPERATION RANGE



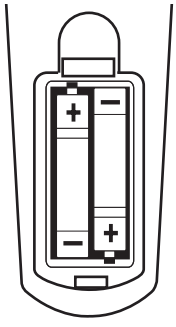
• Use the remote control unit within a range of about 7 meters (23 feet) and angles of up to 30 degrees aiming at the remote sensor.

LOADING BATTERIES

1. Remove the cover.



2. Load two batteries(“AAA” size, 1.5V) matching the polarity.



• Remove the batteries when they are not used for a long time.
• Do not use the rechargeable batteries (Ni-Cd type).

Preliminary Knowledge About Discs & Files

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PLAYABLE DISCS

This unit supports the following discs.

Disc	Logo	Format or file type
Audio CD	COMPACT disc DIGITAL AUDIO	PCM
CD-R	COMPACT disc DIGITAL AUDIO Recordable	Audio CD, MP3, WMA
CD-RW	COMPACT disc DIGITAL AUDIO ReWritable	Audio CD, MP3, WMA

- This unit supports CD-R and CD-RW discs recorded in Audio CD(CD-DA) format, MP3 or WMA format.
- Only CD-R and CD-RW discs recorded with ISO9660 format can be played back.
- This unit supports multi-session discs. Some multi-session discs may take a long time to load and some may not be loaded at all.

■Unplayable discs

- Since this unit cannot support disc types, formats and file types not listed above, do not play such discs.
- Some CD-R and CD-RW discs cannot be played due to incomplete disc finalization, recording quality or physical condition of the disc, characteristics of recording device or authoring software, etc.
  See the operating instructions supplied with your recording device for more information.
- Some Audio CDs use copy protection that doesn't conform to the official CD standard. Since these are nonstandard discs, this unit cannot play them properly.
- When an Audio CD recorded in DTS-ES or Dolby Digital EX is played, noise may be heard.

USB MEMORY DEVICES

- An USB memory device can be connected to the USB connector on the front panel to play MP3 or WMA files stored on it.
- Only USB memory devices conforming to mass storage class and MTP(Media Transfer Protocol) standards can be played on this unit.
- Thin unit supports FAT16 or FAT32 file format system for USB memory divece.

PLAYABLE AUDIO FILE FORMATS

■MP3(MPEG-1 Audio Layer-3)

- Sampling frequency : 32, 44.1, 48 kHz
- Bit rate : 32 ~ 320 kbps
- Extension : .mp3, .MP3
- Fixed bit-rate files are recommended. Variable bit-rate (VBR) fiels are playable, but playing time may be displayed incorrectly.
- ID3 Tag is not avaliable.
- MPEG Layer-3 audio coding technology licensed from Fraunhofer IIS and Thomson.

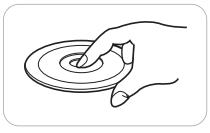
■WMA(Windows Media Audio)

- Sampling frequency : 32, 44.1, 48 kHz
- Bit rate : 32 ~ 320 kbps
- Extension : .wma, .WMA
- WMA Tag is not available
- Windows Media and the Windows logo are trademarks or registered trademarks of Microsoft Corporation in the United States and/or other countries.

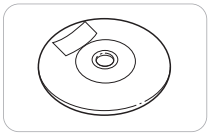
■Notes :

- Folders can be up to ten levels deep.
- For some files, it may not be possible to use certain functions during playback.
- Files protected by DRM(Digital Rights Management) cannot be played.
- When the data of file and folder names is larger than the unit's memory capacity, some files, etc. cannot be recognized and played.

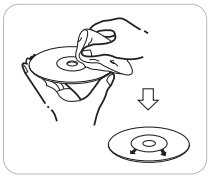
CARE AND HANDLING OF DISCS



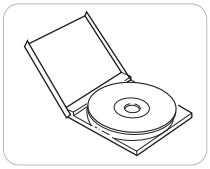
- In handling a disc, hold it carefully with edges.



- Do not stick paper or write anything on the printed surface.

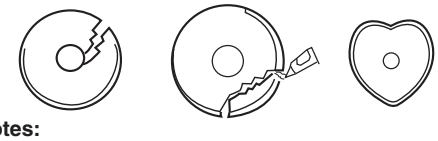


- Finger marks and dust on the recorded surface should be carefully wiped off with a soft cloth. Wipe straight from the inside to the outside of the disc.



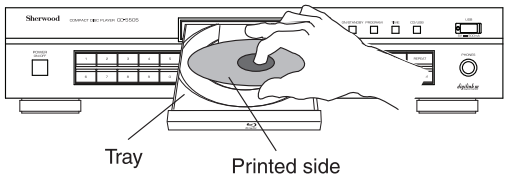
- Always keep the discs in their cases after use to protect them from dust and scratches.

- Do not use a cracked, deformed, or repaired disc. These discs are easily broken and may cause serious personal injury and apparatus malfunction.



■Notes:

- Do not expose discs to direct sunlight, high humidity or high temperature for a long time.
- When loading or unloading a disc in the disc tray, always place it with the printed side up.

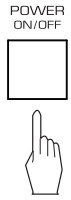


Operations

PLAYING TRACKS/FILES

Before operation

• Push the POWER switch.

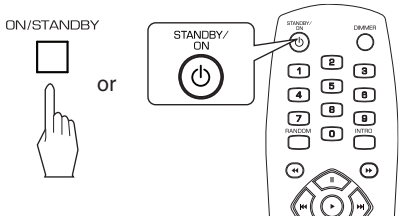


• Then this switch is kept depressed, the power is turned off and it enters the standby mode.
• To switch the power off, push this switch again.
• Then the power is cut off.

■Standby mode
• In the standby mode, this unit is not disconnected from the AC mains and a small amount of current is retained to support the operation readiness.

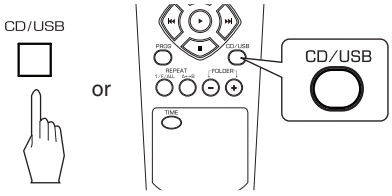
■Auto Power Save
• The auto power save is a function that automatically turns the power off to enter the standby mode. When it is in the stop mode, in the pause mode, etc. for more than 30 minutes, the auto power save will function.

1. In the standby mode, turn the power on.



• Each time this button is pressed, this unit is turned on to enter the operating mode or off to enter the standby mode.

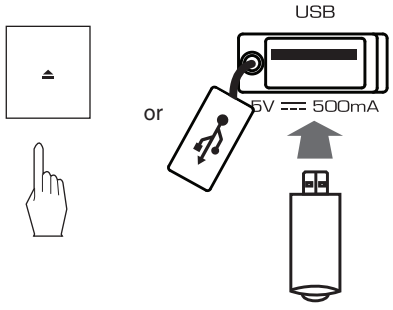
2. Select the disc or the USB memory device as a playback source.



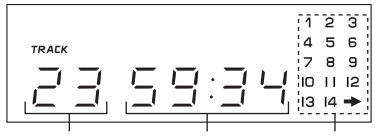
• Each time this button is pressed, the playback source changes as follows :
"Cd" ↔ "USb"

■Note :
• Depending on the selected playback source, the OPEN/CLOSE(⏏) button or the FOLDER UP/DOWN(+/-) buttons, etc. will not function.

3. Depending on the selected playback source, load a disc or connect the USB memory device.

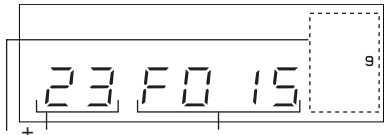


Example : Audio CD



Total tracks | Total playing time | Music calendar

Example : Music files (923 files and 15 folders)



Total files | Total folders

• When the number of files is more than 99 (i.e. a three-digit number), the third-digit number is displayed on the music calendar.
• " ➔ " indicator lights up on the music calendar when the number of tracks is more than 14.
• 8 cm (3 inch) discs can be loaded on the inside circle of the tray, too.
• It may take a long time to read a disc or an USB memory device that contains many files and folders, etc.
• When the disc tray is kept opened, if it elapsed over 30 seconds, it will be closed automatically.

■Note :
• Do not open or close the tray by force. Doing so may damage it.

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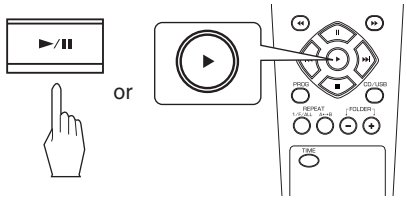
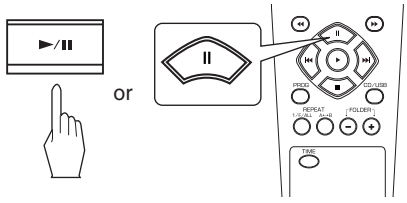
4. Start play.



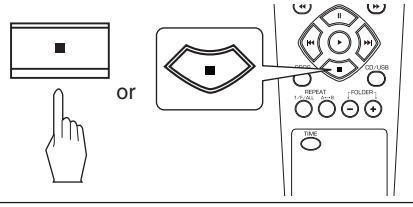
• " ▷ " indicator lights up.
• The unit plays from the first track/file.

5. To interrupt play temporarily.

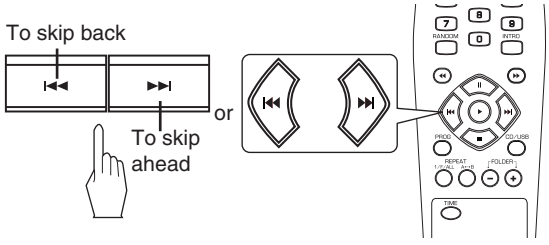


• " II " indicator lights up.
• To resume play, press the PLAY(" ►/II " or " ▶ ") button.

6. To stop play.



Selecting a track/file during play



• Each time the button is pressed, a track/file is skipped.
• When the BACKWARD SKIP(I◄◄) button is pressed once midway through a track/file, play returns to the beginning of that. When it is pressed again, a track/file is skipped.
• When using the NUMERIC buttons on the remote control or on the front panel.

Example :

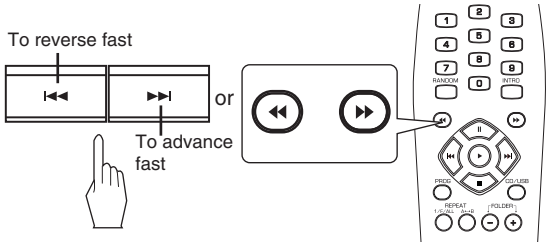
For "3" : **3**

For "15" : **1** —within 2 sec.→ **5**

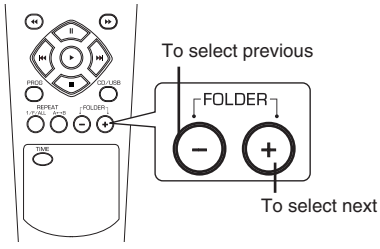
For "123" : **1** —within 2 sec.→ **2** —within 2 sec.→ **3**

To advance or reverse fast during play

• Press and hold down the button until the desired passage is reached.

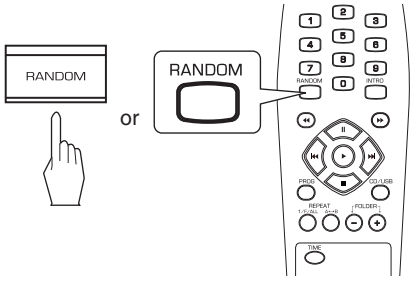


Selecting a folder during play



• Each time the button is pressed, the previous or the next folder is selected and the first file in that folder is automatically played.

PLAYING IN RANDOM ORDER



• " RANDOM " indicator lights up.
• The unit automatically selects and plays tracks/files in random order.
• Press this button again to cancel the random play.

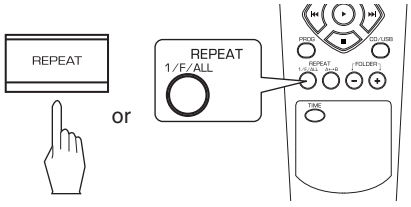
■Notes :
• When the number of files is more than 99, the random play does not work.
• When the NUMERIC buttons are pressed during random play or program play, the random play or the program play is canceled. (However, the programmed contents are not cleared. To recall the programmed contents, press the PROGRAM button in the stop mode.)

REPEAT PLAY

• You can play a track/file, a folder, all tracks/files or a specific passage repeatedly.

Repeating a track/file, a folder, all tracks/files

• During play of the desired track/file or folder,



• Each time this button is pressed, the repeat mode changes as follows.

• In case of Audio CD

→ALL(“RPT”) : All track repeat
↓
ONE(“RPT1”) : Track repeat
↓
OFF : Repeat mode off

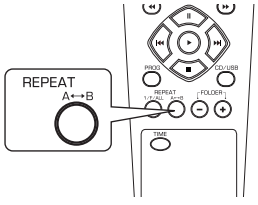
• In case of files

→ALL(“RPT”) : All file repeat
↓
ONE(“RPT1”) : File repeat
↓
FOL(“RPT”) : Folder repeat
↓
OFF : Repeat mode off

■Notes :
• During random play or introscan play, you can select the all track/file repeat mode only.
• During program play, the folder repeat mode cannot be selected.

Repeating a specific passage

1. During play at the beginning of the desired passage, press the REPEAT A↔B button.



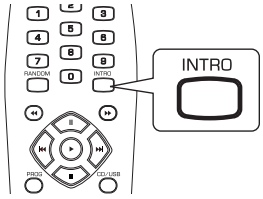
• “ RPT ” and “ A ” indicators light up.

2. At the end of the desired passage, press the REPEAT A↔B button again.

• Then “ B ” indicator lights up as well and the desired passage is played repeatedly.
• Press this button again to cancel the repeat A↔B play.

■Notes :
• Repeat A↔B play works only within a track/file.
• During random play or introscan play, repeat A↔B play will not work.

PLAYING THE FIRST 10 SECONDS OF EACH TRACK/FILE



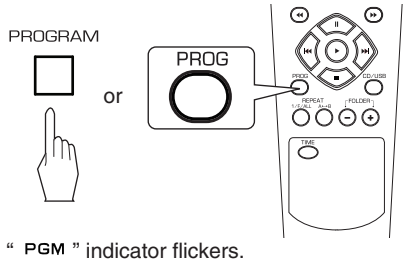
• “ ▷ ” indicator flickers.
• The unit plays the first 10 seconds of each track/file.
• Press this button again to cancel the introscan play.

■Note :
• During program play, introscan play will not work.

PLAYING IN DESIRED ORDER

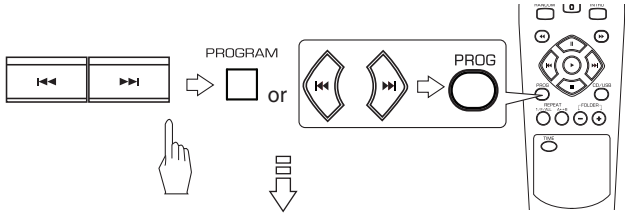
• Up to 20 tracks/files can be programmed to be played in any desired order.

1. In the stop mode, enter the program mode.

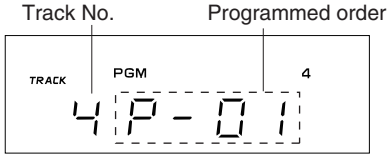


• Then “ PGM ” indicator flickers.

2. Select the desired track/file and store it in the memory.



Example :
When selecting and storing track 4 on an Audio CD



• You can select a track/file with pressing the NUMERIC buttons.
Example :

For “3” : **3**

For “15” : **1** —within 2 sec.→ **5**

For “123” : **1** —within 2 sec.→ **2** —within 2 sec.→ **3**

• Then the selected track/file is stored automatically without pressing the PROGRAM button.

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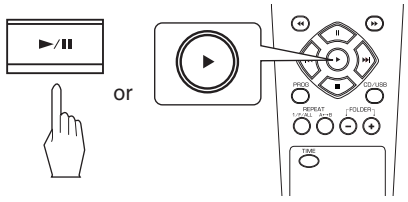
3. Repeat the above step 2 until the desired tracks /files are programmed.

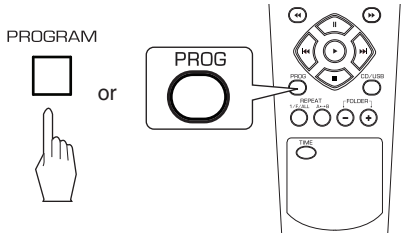
4. Start program play.



• Play starts in the programmed order.

Checking the programmed tracks/files

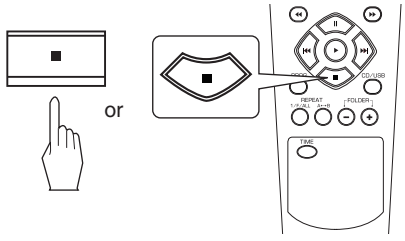
• Each time the PROGRAM button is pressed in the program mode (meaning " PGM " indicator lights up in the stop mode), the programmed tracks/files are displayed in the programmed order.



Clearing the programmed tracks/files

■To clear on by one

• Each time the STOP(■) button is pressed in the program mode, the programmed tracks/files are cleared one by one in the opposite order.



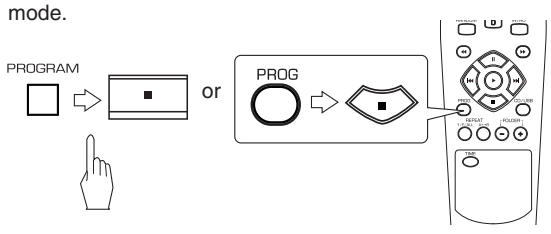
■To clear all programmed tracks/files

• Press the STOP(■) button for more than 4 seconds in the program mode.

• Opening the disc tray or selecting the other playback source clears all programmed tracks/files, too.

■To clear a specific track/file

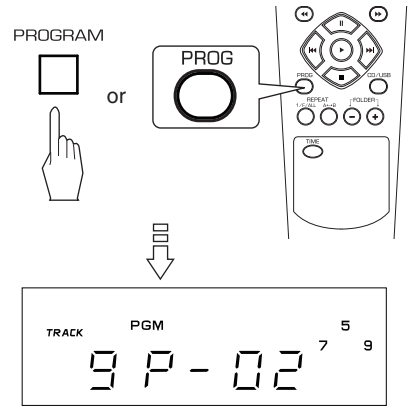
• Find the desired track/file and clear it in the program mode.



Rectifying any wrong programmed track/file

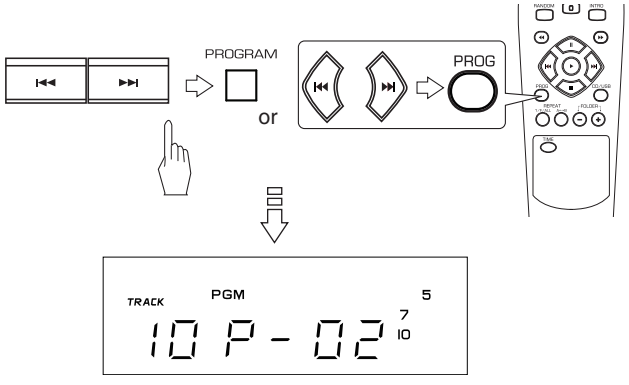
Example :
When track 5, 9 and 7 are programmed and you want to replace track 9 with track 10 on an Audio CD.

1. Find track(/file) 9 in the program mode.



• Then the programmed track(/file) is displayed for several seconds.

2. While displaying the track(/file) to be replaced with new one, select track(/file) 10 and store it in the memory.



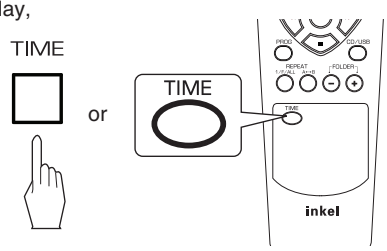
• You can select a track(/file) with pressing the NUMERIC buttons.
Example : For "10" : **1** within 2 sec. **0**

• When selecting a track with the NUMERIC buttons, the selected track is stored automatically without the PROGRAM button.

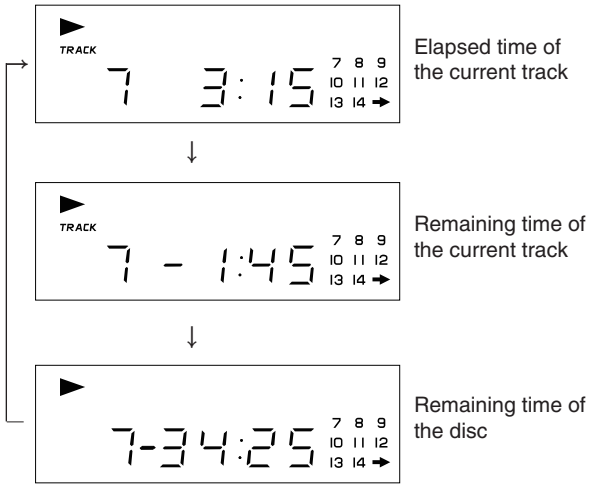
• When the track/file to be replaced disappears, perform the above step 1 again.

SELECTING A TIME DISPLAY (Audio CD only)

• During play,

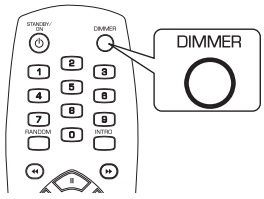


• Each time this button is pressed, the time display changes as follows.



• During random play, etc., the time display may show "--:--".

ADJUSTING THE BRIGHTNESS OF THE FLUORESCENT DISPLAY

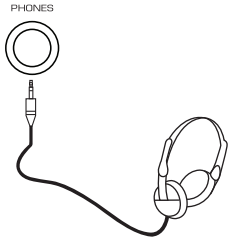


• Each time this button is pressed, the brightness of the fluorescent display changes as follows.
→ ON → dimmer → OFF →

• In the display OFF mode, pressing any buttons cancel the display OFF mode to display the operation status.

LISTENING WITH HEADPHONES

• For private listening, insert the headphones into the PHONES jack.



■**Note :**
• Be careful not to set the volume too high when using headphones.

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Troubleshooting Guide

If a fault occurs, run through the table below before taking your unit for repair.
If the fault persists, attempt to solve it by switching the unit off and on again. If this fails to resolve the situation, consult your dealer. Under no circumstances should you attempt to repair the unit yourself. This could void the warranty.

PROBLEM	POSSIBLE CAUSE	REMEDY
No power	• The AC input cord is disconnected. • Poor connection at AC wall outlet or the outlet is dead or off.	• Connect the cord securely. • Check the outlet using a lamp or another appliance.
No play	• The disc is loaded upside down. • Dirty disc. • Defective or deeply scratched disc. • The CD-R/CD-RW disc is nonstandard. • Music files in non-compatible format are recorded.	• Reload the disc with the printed side up. • Clean the disc. • Load another disc. • See “Unplayable discs” on page 10. • Only music files in MP3 and WMA formats can be played.
No sound	• Incorrect connections. • Incorrect operation of the amplifier/receiver. • The “ ▯▯ ” indicator lights up.	• Make connections correctly. • Operate the amplifier/receiver correctly. • Press the “ ►/❚❚ ” button to cancel the pause mode.
Poor or distorted sound	• The unit is connected to the PHONO input jacks of the amplifier/receiver. • Poor connections.	• Make connections correctly. • Check the connections and connect all cords securely.
Sound skips	• Defective or deeply scratched disc. • The unit is placed on a surface that is subject to vibration or physical shock.	• Play another disc. • Place this unit on a stable surface.
Programming is not performed	• The disc is dirty or badly scratched. • The programming procedure is not correct. • The number of the programmed tracks/files is 20.	• Try again with a scratch-free disc. • Try again. • Check the number of the programmed tracks/files.
It takes a long time to read a disc or an USB memory device.	• It may take a longer time to read a disc or an USB memory device that contains many files and folders, etc.	• This is not mulfuntion.

Specifications

■ TYPICAL AUDIO PERFORMANCES

- Number of channels I **2**
- Frequency response, 20~20,000 Hz I **±0.8 dB**
- Signal to noise ratio, A Wtd. I **94 dB**
- Dynamic Range I **86 dB**
- Total harmonic distortion, 1 kHz I **0.009 %**
- Wow and flutter I **Quartz crystal precision**
- Audio output level I **2 V RMS**
- Digital output, optical, wavelength 660 nm I **-20 ~ -15 dBm**

■ OPTICAL READOUT SYSTEM

- Laser I **Semiconductor laser**
- Wavelength I **760~800 nm**
- Numerical aperture I **0.45**

■ SIGNAL FORMAT

- Sampling Frequency I **44.1 kHz**
- D/A Conversion I **Multibit (Sigma-delta conversion)**
- Oversampling I **8 times**

■ GENERAL

- Power supply I **230 V ~ 50 Hz**
- Power consumption I **14 W**
- Dimensions (WxHxD, including protruding parts) I **440x95x258 mm (17-5/16x3-3/4x10-1/8 inches)**
- Weight (Net) I **3.4 kg (7.5 lbs)**

Note: Design and specifications are subject to change without notice for improvements.

5505(G) cover_cover.qxp 2010-12-17 오후 5:20 페이지 2

CD-5505

COMPACT DISC PLAYER

Sherwood

5707-00000-487-0S